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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Ruiz Caston et al.

Application No. 10/576,778

Filed: April 21, 2006

Confirmation No. 6010

For: PROCESS FOR PRODUCING IN YEASTS
EMPTY VIRAL CAPSIDS CONSISTING
OF PROTEINS DERIVED FROM PVP2 OF
THE INFECTIOUS BURSAL DISEASE
VIRUS (IBDV)

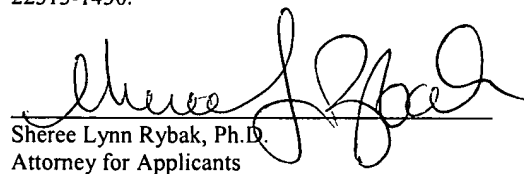
Examiner: Not yet assigned

Art Unit: 1642

Attorney Reference No. 7572-74819-01

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on the date indicated below as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.


Sheree Lynn Rybak, Ph.D.
Attorney for Applicants

Date of Deposit: March 7, 2007

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)(3)**

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Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language and/or non-English-language documents. The relevance of the non-English-language documents can be ascertained from the English-language abstract attached to each non-English-language document. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Copies of United States patents and United States published patent applications do not have to be provided to the Patent Office (37 C.F.R. 1.98(a)(2)(ii)). Copies of unpublished U.S. applications do not have to be provided, as long as the application is available on PAIR, as this requirement of 37 C.F.R. § 1.98(a)(2)(iii) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on October 19, 2004 (1287 OG 163). Applicants will provide copies of such patents or applications upon request.

Applicants filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS.

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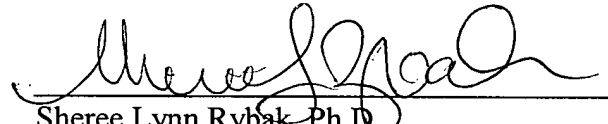
The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

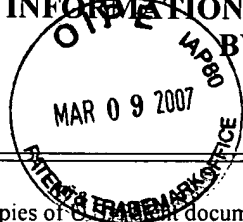
KLARQUIST SPARKMAN, LLP

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
Telephone: (503) 595-5300
Facsimile: (503) 595-5301

By |


Sheree Lynn Rybak, Ph.D.
Registration No. 47,913

cc: Docketing

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**


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| Attorney Docket Number | 7572-74819-01 |
| Application Number | 10/576,778 |
| Filing Date | April 21, 2006 |
| First Named Inventor | Caston |
| Art Unit | 1642 |
| Examiner Name | Not yet assigned |

U.S. PATENT DOCUMENTS

Copies of U.S. patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

| Examiner's Initials* | Cite No. (optional) | Number | Publication Date | Name of Applicant or Patentee |
|----------------------|---------------------|--------------|--------------------|-------------------------------|
| | | 2002/0165176 | November 7, 2002 | HAYNES <i>et al.</i> |
| | | 2003/0152592 | August 14, 2003 | BOOT <i>et al.</i> |
| | | 2003/0175301 | September 18, 2003 | COHEN <i>et al.</i> |
| | | 2004/0005338 | January 8, 2004 | BACHMANN <i>et al.</i> |
| | | 2004/0116664 | June 17, 2004 | DE FILETTE <i>et al.</i> |
| | | 2004/0223976 | November 11, 2004 | BIANCHI <i>et al.</i> |
| | | 2005/0003349 | January 6, 2005 | KAWAOKA |
| | | 2005/0009008 | January 13, 2005 | ROBINSON <i>et al.</i> |
| | | 2005/0186621 | August 25, 2005 | GALARZA <i>et al.</i> |
| | | 2006/0024670 | February 2, 2006 | LUKE <i>et al.</i> |
| | | 2006/0251623 | November 9, 2006 | BACHMANN <i>et al.</i> |
| | | 2006/0121468 | June 8, 2006 | ALLNUTT <i>et al.</i> |
| | | 2006/0121567 | June 8, 2006 | VAKHARIA |
| | | 5,290,686 | March 1, 1994 | KENDAL <i>et al.</i> |
| | | 5,605,827 | February 25, 1997 | JACKWOOD <i>et al.</i> |
| | | 5,605,792 | February 25, 1997 | JACKWOOD <i>et al.</i> |
| | | 5,614,409 | March 25, 1997 | AZAD <i>et al.</i> |

**EXAMINER
SIGNATURE:**
**DATE
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|--|--|--|--|------------------------|------------------|
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| | | | | Examiner Name | Not yet assigned |

| | | | | |
|--|--|-----------|-------------------|------------------------|
| | | 5,616,327 | April 1, 1997 | JUDD <i>et al.</i> |
| | | 5,641,490 | June 24, 1997 | PAOLETTI <i>et al.</i> |
| | | 5,658,572 | August 19, 1997 | PAOLETTI <i>et al.</i> |
| | | 5,788,970 | August 4, 1998 | VAKHARIA <i>et al.</i> |
| | | 5,871,744 | February 16, 1999 | VAKHARIA <i>et al.</i> |
| | | 5,916,879 | June 29, 1999 | WEBSTER |
| | | 5,932,426 | August 3, 1999 | BARALLE <i>et al.</i> |
| | | 6,017,759 | January 25, 2000 | VAKHARIA <i>et al.</i> |
| | | 6,114,112 | September 5, 2000 | JACKWOOD |
| | | 6,156,314 | December 5, 2000 | VAKHARIA <i>et al.</i> |
| | | 6,169,175 | January 2, 2001 | FRACE <i>et al.</i> |
| | | 6,231,868 | May 15, 2001 | VAKHARIA <i>et al.</i> |
| | | 6,274,147 | August 14, 2001 | VAKHARIA <i>et al.</i> |
| | | 6,406,843 | June 18, 2002 | SKEELES and NEWBERRY |
| | | 6,458,362 | October 1, 2002 | CASAL <i>et al.</i> |
| | | 6,528,063 | March 4, 2003 | STRAM <i>et al.</i> |
| | | 6,596,280 | July 22, 2003 | VAKHARIA <i>et al.</i> |
| | | 6,602,705 | August 5, 2003 | BARNETT <i>et al.</i> |
| | | 6,764,684 | July 20, 2004 | SAITOH <i>et al.</i> |
| | | 6,872,395 | March 29, 2005 | KAWAOKA |

EXAMINER
SIGNATURE:DATE
CONSIDERED:

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| | | |
|--|------------------------|------------------|
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| | | | | |
|--|--|-----------|-------------------|-------------------------|
| | | 6,936,256 | August 30, 2005 | VAKHARIA |
| | | 6,964,769 | November 15, 2005 | SEBBEL <i>et al.</i> |
| | | 7,022,327 | April 4, 2006 | LÜTTICKEN <i>et al.</i> |

FOREIGN PATENT DOCUMENTS

| Examiner's Initials* | Cite No. (optional) | Country | Number | Publication Date | Name of Applicant or Patentee |
|-------------------------|------------------------|---------|-----------------|-------------------|---|
| | | EPC | EP 0 861 665 A1 | September 2, 1998 | Dimminaco AG/SA/LTD. |
| | | EPC | EP 0 887 412 B1 | December 30, 1998 | Akzo Nobel NV |
| | | EPC | EP 1 069 187 A1 | January 17, 2001 | Stichting Dienst Landbouwkundig Onderzoek |
| | | EPC | EP 1 621 612 A1 | February 1, 2006 | Bionostra, S.L. and Consejo Superior de Investigaciones Científicas |
| | | Japan | 5194597A | August 3, 1993 | Nippon Seibutsu Kagaku Kenkyus |
| | | WIPO | WO 93/03145 A1 | February 18, 1993 | Virogenetics Corporation |
| | | WIPO | WO 95/26196 A1 | October 5, 1995 | The University of Maryland College Park |
| | | WIPO | WO 98/09646 A1 | March 12, 1998 | University of Maryland Biotechnology Institute |
| | | WIPO | WO 98/33522 A1 | August 6, 1998 | Dimminaco AG |
| | | WIPO | WO 98/50071 A1 | November 12, 1998 | Chiron Corporation |
| | | WIPO | WO 99/16866 A1 | April 8, 1999 | University of Maryland Biotechnology Institute |
| | | WIPO | WO 00/37649 A2 | June 29, 2000 | University of Maryland Biotechnology Institute |
| | | WIPO | WO 01/97839 A1 | December 27, 2001 | Meristem |
| | | WIPO | WO 02/00885 A2 | January 3, 2002 | American Cyanamid Company |

| | |
|------------------------|---------------------|
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| | | | | | |
|--|--|------|-------------------|--------------------|---|
| | | WIPO | WO 02/088339 A2 | November 7, 2002 | Institut National de la Recherche Agronomique (INRA) |
| | | WIPO | WO 02/096940 A2 | December 5, 2002 | ID-Lelystad, Institut Voor Dierhouderij En Diergezondheid B.V. |
| | | WIPO | WO 03/013597 A1 | February 20, 2003 | University of Maryland Biotechnology Institute |
| | | WIPO | WO 03/024480 A2 | March 27, 2003 | Cytos Biotechnology AG |
| | | WIPO | WO 03/024481 A2 | March 27, 2003 | Cytos Biotechnology AG |
| | | WIPO | WO 03/074552 A1 | September 12, 2003 | Akzo Nobel N.V. |
| | | WIPO | WO 2004/003143 A2 | January 8, 2004 | Allnutt and Kyle |
| | | WIPO | WO 2004/007538 A2 | January 22, 2004 | Cytos Biotechnology AG |
| | | WIPO | WO 2004/025263 A2 | March 25, 2004 | Advanced Bionutrition Corporation |
| | | WIPO | WO 2004/087900 A1 | October 14, 2004 | Consejo Superior de Investigaciones Científicas and Bionostra, S.L. |
| | | WIPO | WO 2005/049794 A2 | June 2, 2005 | University of Georgia Research Foundation, Inc. |
| | | WIPO | WO 2005/071068 A1 | August 4, 2005 | Consejo Superior de Investigaciones Científicas and Bionostra, S.L. |
| | | WIPO | WO 2005/071069 A1 | August 4, 2005 | Consejo Superior de Investigaciones Científicas and Bionostra, S.L. |
| | | WIPO | WO 2006/027698 A1 | March 16, 2006 | Chiron Behring GmbH & Co. |
| | | WIPO | WO 2006/032674 A1 | March 30, 2006 | Cytos Biotechnology AG |

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| Examiner's Initials* | Cite No. (optional) | OTHER DOCUMENTS |
|-------------------------|------------------------|---|
| | | BIRGHAN <i>et al.</i> , "A non-canonical lon proteinase lacking the ATPase domain employs the Ser-Lys catalytic dyad to exercise broad control over the life cycle of a double-stranded RNA virus," <i>Embo J.</i> , 19:114-123, 2000. |
| | | BÖTTCHER <i>et al.</i> , "Three-dimensional structure of infectious bursal disease virus determined by electron cryomicroscopy," <i>J. Virol.</i> , 71:325-330, 1997. |
| | | CASTÓN <i>et al.</i> , "C terminus of infectious bursal disease virus major capsid protein VP2 is involved in definition of the T number for capsid assembly," <i>J. Virol.</i> , 75:10815-10828, 2001. |
| | | CHEVALIER <i>et al.</i> , "The maturation process of pVP2 requires assembly of infectious bursal disease virus capsids," <i>J. Virol.</i> , 76:2384-2392, 2002. |
| | | CHEVALIER <i>et al.</i> , "The last C-terminal residue of VP3, glutamic acid 257, controls capsid assembly of infectious bursal disease virus," <i>J. Virol.</i> , 78:3296-3303, 2004. |
| | | CHUNG <i>et al.</i> , "Sequence analysis of the bicistronic Drosophila X virus genome segment A and its encoded polypeptides," <i>Virology</i> , 225:359-368, 1996. |
| | | DA COSTA <i>et al.</i> , "The capsid of infectious bursal disease virus contains several small peptides arising from the maturation process of pVP2," <i>J. Virol.</i> , 76:2393-2402, 2002. |
| | | DA COSTA <i>et al.</i> , "Blotched snakehead virus is a new aquatic birnavirus that is slightly more related to avibirnavirus than to aquabirnavirus," <i>J. Virol.</i> , 77:719-725, 2003. |
| | | FERNÁNDEZ-ARIAS <i>et al.</i> , "Expression of ORF A1 of infectious bursal disease virus results in the formation of virus-like particles," <i>J. Gen. Virol.</i> , 79:1047-1054, 1998. |
| | | FERNÁNDEZ-ARIAS <i>et al.</i> , "The major antigenic protein of infectious bursal disease virus, VP2, is an apoptotic inducer," <i>J. Virol.</i> , 71:8014-8018, 1997. |
| | | GALARZA <i>et al.</i> , "Virus-like particle (VLP) vaccine conferred complete protection against a lethal influenza virus challenge," <i>Viral. Immunol.</i> , 18:365-372, 2005. |
| | | HU <i>et al.</i> , "Chimeric infectious bursal disease virus-like particles expressed in insect cells and purified by immobilized metal affinity chromatography," <i>Biotechnol. Bioeng.</i> , 63:721-729, 1999. |
| | | HU and BENTLEY, "Effect of MOI ratio on the composition and yield of chimeric infectious bursal disease virus-like particles by baculovirus co-infection: deterministic predictions and experimental results," <i>Biotechnol. Bioeng.</i> 75:104-119, 2001. |
| | | IONESCU <i>et al.</i> , "Pharmaceutical and immunological evaluation of human papillomavirus viruslike particle as an antigen carrier," <i>J. Pharm. Sci.</i> , 95:70-79, 2006. |
| | | JAGADISH <i>et al.</i> , "Expression and characterization of infectious bursal disease virus polyprotein in yeast," <i>Gene</i> , 95:179-186, 1990. |

| | |
|--|---------------------|
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| | |
|--|---|
| | JEGERLEHNER <i>et al.</i> , "Influenza A vaccine based on the extracellular domain of M2: weak protection mediated via antibody-dependent NK cell activity," <i>J. Immunol.</i> 172:5598-5605, 2004. |
| | KADONO-OKUDA <i>et al.</i> , "Baculovirus-mediated production of the human growth hormone in larvae of the silkworm, <i>Bombyx mori</i> ." <i>Biochem. Biophys. Res. Commun.</i> , 213:389-396, 1995. |
| | KATAGIRI and INGHAM, "Enhanced production of green fluorescent fusion proteins in baculovirus expression system by addition of secretion signal," <i>Biotechniques</i> , 33:24-26, 2002. |
| | KIBENGE <i>et al.</i> , "Formation of virus-like particles when the polyprotein gene (segment A) of infectious bursal disease virus is expressed in insect cells," <i>Can. J. Vet. Res.</i> , 63:49-55, 1999. |
| | KINGSMAN <i>et al.</i> , "Yeast retrotransposon particles as antigen delivery systems," <i>Ann. N. Y. Acad. Sci.</i> , 754:202-213, 1995. |
| | KOCHAN <i>et al.</i> , "Characterization of the RNA binding activity of VP3, a major structural protein of IBDV," <i>Arch. Virol.</i> , 148:723-744, 2003. |
| | LEJAL <i>et al.</i> , "Role of Ser-652 and Lys-692 in the protease activity of infectious bursal disease virus VP4 and identification of its substrate cleavage sites," <i>J. Gen. Virol.</i> , 81:983-992, 2000. |
| | LEONG <i>et al.</i> (Eds.), "Virus Taxonomy The Classification and Nomenclature of Viruses: Seventh Report of International Committee on Taxonomy of Viruses," Academic Press, San Diego, pp. 481-490, 2000. |
| | LEUSCH <i>et al.</i> , "A novel host-vector system for direct selection of recombinant baculoviruses (bacmids) in <i>Escherichia coli</i> ," <i>Gene</i> , 160:191-194, 1995. |
| | LO-MAN, <i>et al.</i> , "A recombinant virus-like particle system derived from parvovirus as an efficient antigen carrier to elicit a polarized Th1 immune response without adjuvant," <i>Eur. J. Immunol.</i> , 28:1401-1407, 1998. |
| | LOMBARDO <i>et al.</i> , "VP1, the putative RNA-dependent RNA polymerase of infectious bursal disease virus, forms complexes with the capsid protein VP3, leading to efficient encapsidation into virus-like particles," <i>J. Virol.</i> , 73:6973-6983, 1999. |
| | LOMBARDO <i>et al.</i> , "VP5, the nonstructural polypeptide of infectious bursal disease virus, accumulates within the host plasma membrane and induces cell lysis," <i>Virology</i> , 277:345-357, 2000. |
| | LUCKOW <i>et al.</i> , "Efficient generation of infectious recombinant baculoviruses by site-specific transposon-mediated insertion of foreign genes into a baculovirus genome propagated in <i>Escherichia coli</i> ," <i>J. Virol.</i> , 67:4566-4579, 1993. |

| | |
|--|---------------------|
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| | |
|--|---|
| | MACREADIE <i>et al.</i> , "Passive protection against infectious bursal disease virus by viral VP2 expressed in yeast," <i>Vaccine</i> , 8:549-552, 1990. |
| | MARAVAR <i>et al.</i> , "Identification and molecular characterization of the RNA polymerase-binding motif of the inner capsid protein VP3 of infectious bursal disease virus," <i>J. Virol.</i> , 77:2459-2468, 2003. |
| | MARAVAR <i>et al.</i> , "The Oligomerization Domain of VP3, the Scaffolding Protein of Infectious Bursal Disease Virus, Plays a Critical Role in Capsid Assembly," <i>J. Virol.</i> , 77:6438-6449, 2003. |
| | MARTÍNEZ-TORRECUADRADA <i>et al.</i> , "Different architectures in the assembly of infectious bursal disease virus capsid protein expressed in insect cells," <i>Virology</i> , 278:322-331, 2000. |
| | MARTÍNEZ-TORRECUADRADA <i>et al.</i> , "Structure-dependent efficacy of infectious bursal disease virus (IBDV) recombinant vaccines," <i>Vaccine</i> , 21:3342-3350, 2003. |
| | OÑA <i>et al.</i> , "The C-terminal domain of the pVP2 precursor is essential for the interaction between VP2 and VP3, the capsid polypeptides of infectious bursal disease virus," <i>Virology</i> , 322:135-142, 2004. |
| | PITCOVSKI <i>et al.</i> , "Development and large-scale use of recombinant VP2 vaccine for the prevention of infectious bursal disease of chickens," <i>Vaccine</i> , 21:4736-4743, 2003. |
| | POUS <i>et al.</i> , "Structure of birnavirus-like particles determined by combined electron cryomicroscopy and X-ray crystallography," <i>J. Gen. Virol.</i> , 86:2339-2346, 2005. |
| | QIU <i>et al.</i> , "Expression and characterization of virus-like particles containing rubella virus structural proteins," <i>J. Virol.</i> , 68:4086-4091, 1994. |
| | RAZZINI <i>et al.</i> , "Low-density lipoprotein (LDL) receptor/transferrin fusion protein: in vivo production and functional evaluation as a potential therapeutic tool for lowering plasma LDL cholesterol," <i>Hum. Gene Ther.</i> , 15:533-541, 2004. |
| | SÁNCHEZ and RODRÍGUEZ, "Proteolytic processing in infectious bursal disease virus: identification of the polyprotein cleavage sites by site-directed mutagenesis," <i>Virology</i> , 262:190-199, 1999. |
| | SCHMIDT <i>et al.</i> , "Binding of external ligands onto an engineered virus capsid," <i>Protein Eng.</i> , 14:769-774, 2001. |
| | SHARMA <i>et al.</i> , "Infectious bursal disease virus of chickens: pathogenesis and immunosuppression," <i>Dev. Comp. Immunol.</i> , 24:223-235, 2000. |
| | SHIN and FOLK, "Formation of polyomavirus-like particles with different infectious bursal disease virus, plays a critical role for capsid formation," <i>J. Virol.</i> , 77:11491-11498, 2003. |
| | SHIVAPPA <i>et al.</i> , "Development of a subunit vaccine for infectious pancreatic necrosis virus using a baculovirus insect/larvae system," <i>Dev. Biol. (Basel)</i> , 121:165-174, 2005. |

| | |
|--|---------------------|
| EXAMINER SIGNATURE: | DATE CONSIDERED: |
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| | | |
|--|--|---|
| | | TACKEN <i>et al.</i> , "Interactions <i>in vivo</i> between the proteins of infectious bursal disease virus: capsid protein VP3 interacts with the RNA-dependent RNA polymerase, VP1," <i>J. Gen. Virol.</i> , 81:209-218, 2000. |
| | | VAKHARIA <i>et al.</i> , "Infectious bursal disease virus structural proteins expressed in a baculovirus recombinant confer protection in chickens," <i>J. Gen. Virol.</i> , 74:1201-1206, 1993. |
| | | VAKHARIA, "Development of recombinant vaccines against infectious bursal disease," <i>Biotechnol. Ann. Rev.</i> , 3:151-168, 1997. |
| | | VAN DEN BERG <i>et al.</i> , "Infectious bursal disease (Gumboro disease)," <i>Rev. Sci. Tech.</i> , 19:527-543, 2000. |
| | | VEENENDAAL <i>et al.</i> , "In vitro and in vivo studies of a VEGF ₁₂₁ /rGelolin chimeric fusion toxin targeting the neovasculature of solid tumors," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 99:7866-7871, 2002. |
| | | WANG <i>et al.</i> , "Self-assembly of the infectious bursal disease virus capsid protein, rVP2, expressed in insect cells and purification of immunogenic chimeric rVP2H particles by immobilized metal-ion affinity chromatography," <i>Biotechnol. Bioeng.</i> 67:104-111, 2000. |
| | | YAO and VAKHARIA, "Generation of infectious pancreatic necrosis virus from cloned cDNA," <i>J. Virol.</i> , 72:8913-8920, 1998. |
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| EXAMINER SIGNATURE: | DATE CONSIDERED: |
| * Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant. | |